

ATSDR Record of Activity

Site: Maline Creek
 ID: 1455980631162
 Date: 1-6
 Other: 2-15-92

UID #: JYJ3 Date: 07/15/92 Time: _____

Site Name: Maline Creek City: St. Louis Cnty: _____ State: MO

CERCLIS #: _____ Cost Recovery #: _____ Region: 07

Site Status (1) ☐ NPL ☒ Non-NPL ☐ RCRA ☐ Non-Site specific ☐ Federal
 (2) ☐ Emergency Response ☐ Remedial ☒ Removal ☐ Oth

Activities

☐ Incoming Call ☐ Public Meeting ☐ Health Consult ☐ Site Visit
☐ Outgoing Call ☐ Other Meeting ☐ Health Referral ☐ Info Provided
☐ Conference Call ☐ Data Review ☐ Written Response ☐ Training
☐ Incoming Mail ☐ Other

Requestor and Affiliation: (1) Greg Reesor, RPM, US EPA, Region VII
 Phone: (913) 551 5028 Address: 25 Funston Road
 City: Kansas City State: KS Zip Code: 66115

Contacts and Affiliation

(31) Raymond (Buck) Grissom (1) Donald Hamera, OSC, EPA
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|---------------|---------------|---------------|-----------------|---------------|
| 1-EPA | 2-USCG | 3-OTHER FED | 4-STATE ENV | 5-STATE HLT |
| 6-COUNTY HLTH | 7-CITY HLTH | 8-HOSPITAL | 9-LAW ENFORCE | 10-FIRE DEPT |
| 11-POISON CTR | 12-PRIV CITZ | 13-OTHER | 14-UNKNOWN | 15-DOD |
| 16-DOE | 17-NOAA | 18-OTHR STATE | 19-OTHR COUNTY | 20-OTHR CITY |
| 21-INTL | 22-CITZ GROUP | 23-ELECT. OFF | 24-PRIV. CO | 25-NEWS MEDIA |
| 26-ARMY | 27-NAVY | 28-AIR FORCE | 29-DEF LOG AGCY | 30-NRC |
| 31-ATSDR | | | | |

Program Areas

☐ Health Assessment ☐ Health Studies ☐ Tox Info-profile ☐ Worker Health
☐ Petition Assessment ☐ Health Surveillance ☐ Tox Info-Nonprofile ☐ Administrative
☐ Emergency Response ☐ Disease Registry ☐ Subst-Spec Research ☐ Other
☒ Health Consultation ☐ Exposure Registry ☐ Health Education

Narrative Summary: EPA has requested that ATSDR comment on the potential health threats posed by the current status of this site. Specifically, EPA is asking if a removal action is appropriate, based on current or potential releases, and whether removal of asbestos-containing pipe and loose friable material from the creek area will create more exposure than taking no action.

The site consists of a closed landfill situated between two former asbestos article manufacturing companies. The landfill is bordered on one side by a railroad track and on the other by Maline Creek. Directly opposite the site (across the creek) is a residential subdivision. Historically, the two industries manufactured asbestos-containing articles. The waste from these processes was landfilled on-site under an Order issued by the USEPA in

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1978-1979. The landfill was closed under the supervision of the Missouri Department of Natural Resources (MDNR). As part of that activity, the bank of the creek was stabilized through construction of a rip-rap blanket. In May of 1982, the Missouri Sewer District initiated a cleanup activity and exposed pieces of cement/asbestos pipe in an area along the creek near the landfill.

Based on a video tape taken by the TAT in May 1992 and a report from a more recent site visit, currently there is cement/asbestos pipe in various stages of weathering and a small pile of fibrous insulation-like material in and along the creek bank. There has been erosion of the rip-rap material used to stabilize the creek bank. According to EPA's OSC, the distance from the edge of the landfill to the creek is approximately 15-18 feet. There are also a few piles of exposed waste material in the vicinity but not in the creek.

There is a fence between the two former asbestos manufacturing properties, but it does not serve to restrict access. Additionally, EPA's staff indicated that there is evidence of children playing in the immediate vicinity of the creek.

Samples of pipe shards collected by the TAT contained asbestos in the form of 20 percent chrysotile and 15 percent crocidolite. The small pile of fibrous material (previously mentioned) was identified as chrysotile asbestos.

Action Required/Recommendations/Information Provided: Asbestos is a known human carcinogen via the inhalation route. There is friable material present, a potential exposure route and a potentially exposed population.

ATSDR concludes the following:

1. A release of hazardous materials has occurred. Furthermore, without maintenance of the landfill, additional releases are likely; and,
2. It is not possible to evaluate the relative risk posed by removing the exposed pipe and asbestos-contained material without a more complete explanation of the proposed removal action.

Signature: 

Date: 08 Sep 92

Concurrence: 

Date: 10 SEP 92

Enclosures: Yes () No (); MIS entered: Yes () No ()